



N43RF ERROR SUMMARY

SFMR Cal KMCF –KMCF

27 July 2016



Flight ID: 20160727I1

Sensor or system

Static Pressure Probe
Dynamic Pressure Probe
Total Temperature Probe
Dewpoint Temp. Probe
Vertical Accelerometer
Altimeter
INE Selection
Differential Attack Pressure Probe
Differential Sideslip Pressure Probe
Dynamic Attack Pressure Probe
Dynamic Sideslip Pressure Probe
Flight Directory

Number or Name

PSM.2
PQM.2
TTM.1
TDM.1
AccZfilterI-GPS.1
AltGPS.3
1
PDALPHA.1
PDBETA.1
PQALPHA.1
PQBETA.1
acdata/2016/MET/20160727I1

Local Met Data:

Aircraft Static Pressure
Tower Pressure (corrected)

Takeoff (2153z)

1015.3 mb
1016.1 mb

Landing (0214z)

unavailable
1017.7 mb

Notes:

The data system was shut down before landing (on approach to landing after science was complete) at 0200z to facilitate data download and a 2 engine running crew swap for a follow-on pilot night landing trainer.

TDM.1 (the Buck) was used as the reference for dew point calculation. The Edgetech TDM.2 was unavailable for this mission and shut off. TDM.3 trended very well with #1 with a warm bias that averaged approx 5 deg C at the lower altitudes (at or below 10K) and 7 deg C at the higher altitudes (15K, 20K and 27K). The Novatel AltGPS.3 was used as the source of absolute altitude.

All measured and calculated parameters performed normally during the science phase of flight.

Takeoff/Landing data: Data during landing and takeoff are potentially suspect. It is recommended that ground data not be used for scientific analysis.

Expendable Type	Number deployed	Number good	Number of messages transmitted
GPS dropwindsonde	2	2	2
AXBT	0	0	0

Flight Director:
Phone #:

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